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FOOD BALANCES in FOREIGN COUNTRIES



Part II. Estimates for 12 Countries in the Far East

Foreign Agricultural Service
United States Department of Agriculture

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This is the second of a series of bulletins giving estimated food balances for some 80 Free World countries in or about the year 1958. The food balance, summarizing in statistical form the food supply situation of a country or area, shows production, import requirements, export availabilities, the utilization of domestically consumed supplies, and national consumption, both total and average per capita, of individual foods or food groups. The methodology supplied in analyzing the composition of the food supply and its disappearance through the food balance approach is discussed in U.S.D.A. Agriculture Monograph 10, July 1951, which is available in most libraries. Here it should be noted that many countries report only a part of their food production, while few report stocks or utilization of supplies. To present a reasonably complete picture of food supplies, it has been often necessary, therefore, to fill in gaps with estimates based on fragmentary information from scattered sources. Consequently, the actual supply level for individual foods and for all foods combined as indicated in the balances should be regarded as approximate rather than precise.

Introduction

The Far East, excluding Mainland China, has more than 850 million people or about 30 percent of the world's population. It is predominantly agricultural. Nearly 70 percent of the people are dependent on agriculture for their livelihood. Output per person is low because farms are small and the scientific and mechanical advances made in the West have been applied only in a limited way in this part of the world. Certain commercial crops such as rubber, cotton, and tobacco are grown with advantage, but emphasis is on the production of subsistence crops. About 85 percent of the total agricultural output consists of food crops; this proportion remains virtually unchanged from prewar. Domestic food production is supplemented by substantial net imports of food grains averaging about 10 million tons annually in recent years. This is a considerable share of the total world trade, and compares with net exports of almost 3 million tons prewar. Nevertheless, it is less than 5 percent of the food consumption in the region.

With low per capita output of food and of products that can be traded for food, consumption levels are low. Average food consumption for the region as a whole, in terms of energy value, is estimated at only 2,100 calories per person per day, or well below the average for most other underdeveloped regions, including Western Asia, Africa, and Latin America. Variation among countries within the Far East is relatively slight--from about 2,000 in Pakistan to somewhat more than 2,300 in Japan, Taiwan, and Singapore. Variation within countries is almost certain to be much greater. The composition of the diet varies widely. Grain consumption is highest in Northeast Asia, but throughout the region it is higher than in most countries of the Western World. In only a few countries of the Far East does grain account for less than two-thirds of the total calories. Animal protein foods are consumed, but sparingly. In such populous countries as India, Pakistan, and Indonesia they contribute less than 5 percent of the energy value of the food supply. Even in Japan, where fish is an important source of protein, the amount of animal protein in the diet is small compared to vegetable protein, obtained mostly from grains and pulses. The share of fats in the diet is highest in Singapore and the Federation of Malaya and lowest in South Korea. Fruits and vegetables are most important in Ceylon, Indonesia and the Philippines, where fresh coconuts are consumed in substantial quantities.

Detailed information of the food supply in 12 Far East countries may be found in the food balances here presented. Data on production and consumption of food-stuffs in the Far East are still far from satisfactory. In fact, only 12 countries were included in this study because of the inadequacy of data in the other countries. Official figures were used where possible, but frequently these are under-reported or are otherwise incomplete. For some commodities no official estimates of production have been made. Thus, it has been necessary to employ FAS estimates in many instances, especially for commodities that enter but little into commercial channels. Data on the grain crops are generally more reliable than those on fruits and vegetables, while production of livestock products is probably least satisfactorily reported.

Trade data are taken primarily from official sources. Data on stocks are given when available from government or trade sources, but frequently these do not include farm stocks. Changes in farm stocks for many of the grains were estimated. For many commodities no data are available on stocks, and it was assumed that changes were not significant. Utilization data were generally unavailable from official sources, and FAS estimates have been widely employed.

Table 1.--Food consumption levels per capita: Estimates for 12 Far Eastern countries, 1958

Country	Grain products	Sugar	Roots and tubers	Pulses	Fruits, nuts vegetables ^{1/}	Meat	Fish	Fats and oils	Whole milk	Eggs	Total
	Kg.	Kg.	Kg.	Kg.	Kg.	Kg.	Kg.	Kg.	Kg.	Kg.	Calories ^{2/}
Japan.....	156.3	14.6	78.6	13.1	94.6	4.1	40.0	3.6	14.4	4.0	2310
South Korea.....	166.3	6.6	53.3	6.9	64.9	6.0	32.9	.7	2.7	2.0	2040
Taiwan.....	152.3	12.7	74.5	13.1	85.8	19.0	22.0	3.8	1.3	1.6	2340
Burma.....	166.1	9.9	2.4	10.0	89.0	4.2	25.9	4.3	18.0	4.8	2150
Indonesia.....	120.9	11.4	144.7	12.1	229.3	2.3	8.7	5.4	.5	2.3	2125
Malaya, Fed. of.....	146.7	15.8	16.8	7.5	119.4	9.0	19.4	7.1	18.5	4.9	2290
Philippines.....	131.1	13.3	44.4	7.9	187.4	10.3	23.8	4.2	12.9	3.0	2145
Singapore.....	121.5	12.5	14.5	9.9	154.5	22.4	25.1	13.3	30.4	17.2	2375
Thailand.....	146.2	8.5	4.7	5.9	72.1	9.7	27.5	5.2	4.2	4.8	2185
Ceylon.....	119.2	11.0	30.8	6.9	112.7	4.9	18.1	5.8	17.1	1.0	2060
India.....	138.3	12.7	30.4	23.1	66.3	1.4	6.1	5.0	32.8	.2	2050
Pakistan.....	150.1	18.6	5.6	12.8	132.6	6.7	8.4	1.7	11.8	.3	2030
Total.....	141.2	13.1	46.1	17.4	100.7	3.5	13.4	4.4	21.5	1.4	2102

^{1/} Including coconuts consumed fresh.^{2/} Per day.

Table 2.--Food consumption in terms of calories: Percentage distribution by food groups, 1958

Country	Grain products	Sugar	Roots and tubers	Pulses	Fruits, nuts vegetables ^{1/}	Meat	Fish	Fats and oils	Whole milk	Eggs
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Japan.....	66.7	6.7	8.2	5.0	3.5	1.1	3.0	4.1	1.1	.6
South Korea.....	79.7	2.7	5.6	3.4	2.5	1.7	2.7	1.0	.2	.5
Taiwan.....	64.5	5.8	8.5	6.0	3.0	6.2	1.5	4.1	.2	.2
Burma.....	76.0	4.7	.2	4.4	4.2	1.2	2.1	4.9	1.4	.9
Indonesia.....	55.8	5.4	12.9	5.9	12.0	.7	.7	6.1	(^{2/})	.5
Malaya, Fed. of.....	63.3	7.2	2.0	3.5	8.7	2.2	1.5	7.6	3.1	.9
Philippines.....	60.3	6.5	5.8	3.5	12.6	3.0	1.9	4.7	1.2	.5
Singapore.....	50.0	5.7	1.3	4.0	10.5	5.7	1.9	13.1	5.1	2.7
Thailand.....	65.9	3.9	.5	2.7	10.3	3.0	6.2	5.7	.9	.9
Ceylon.....	57.0	5.6	4.1	4.4	17.5	1.0	1.5	7.0	1.7	.2
India.....	65.1	6.3	2.9	11.0	4.0	.2	.5	6.3	3.7	(^{2/})
Pakistan.....	73.0	8.9	.7	5.9	5.9	1.2	.7	2.2	1.5	(^{2/})
Total.....	65.5	6.3	4.6	8.0	5.6	.9	1.2	5.3	2.3	.3

^{1/} Including coconuts consumed as fresh.^{2/} Less than .05 percent.

TABLE 3.--Burma: Food balance, calendar year 1958 1/

Population: 20,255,000

Product	Supply					Utilization								
	Pro- duction	Imports	Exports	Chan- ges in stocks	Total supply	Nonfood use				Supply for food				
						Seed and waste	Feed	Indus- trial	Total 2/	Total gross	Ex- trac- tion rate	Net		
												Total	Per capita	
													Per year	Per day
	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	Per- cent	1,000 m. tons	Kilo- grams	Calo- ries
Rice.....	3/ 5,226	...	1,494	233	3,499	...	...	...	244	3,255	...	3,255	160.7	1,585
Wheat.....	10	29	...	...	39	...	...	...	5	34	83	28	1.4	15
Corn.....	44	...	27	...	17	...	...	...	3	14	...	14	.7	5
Millet.....	81	...	...	...	81	...	...	...	7	74	90	67	3.3	30
Total grain....	5,361	29	1,521	233	3,636	...	...	...	259	3,377	...	3,364	166.1	1,635
Sugar:														
Centrifugal 4/.	41	33	...	18	56	...	...	...	...	56	...	56	2.8	30
Other 5/.....	144	...	...	...	144	...	...	...	...	144	...	144	7.1	70
Potatoes.....	50	...	...	-3	53	...	...	...	5	48	...	48	2.4	5
Peanuts 6/.....	157	...	...	17	140	...	...	...	7/ 119	21	...	21	1.0	15
Other pulses 8/..	300	...	88	9	203	...	...	...	20	183	...	183	9.0	80
Other vegetables.	1,200	...	...	...	1,200	...	...	...	120	1,080	...	1,080	53.3	30
Fruits 9/.....	814	10	...	21	803	...	...	...	80	723	...	723	35.7	60
Meat 10/.....	87	...	...	...	87	...	...	...	...	87	...	87	4.2	25
Fish 11/.....	500	25	...	...	525	...	...	...	...	525	...	525	25.9	45
Slaughter fats...	15	1	...	1	15	...	...	...	...	15	...	15	.7	15
Peanut oil.....	45	8	...	-1	54	...	...	...	...	54	...	54	2.7	65
Sesame oil 12/...	17	...	...	1	16	...	...	...	...	16	...	16	.8	20
Coconut oil.....	...	10	...	...	10	...	...	...	5	5	...	5	.2	5
Total fats:														
As product...	77	19	...	1	95	...	...	...	5	90	...	90	4.4	105
Fat content..	75	19	...	1	93	...	...	...	5	88	...	88	4.3	...
Whole milk 13/...	359	24	...	19	364	...	...	...	...	364	...	364	18.0	30
Eggs.....	92	...	...	-5	97	...	...	...	...	97	...	97	4.8	20
Total consumption....	...	...	...	...	...	...	...	...	...	...	...	...	...	2,150

1/ Excludes alcoholic beverages.

2/ Breakdown of nonfood uses not available.

3/ Production shown is harvested in the fall of 1958. Utilization is for crop harvested beginning in the fall of 1957. Adjustment made in "Changes in stocks".

4/ Raw.

5/ Noncentrifugal.

6/ Shelled basis.

7/ Peanuts used in the manufacture of peanut oil.

8/ Edible only.

9/ In terms of fresh. Includes tree nuts.

10/ Carcass weight. Includes beef, pork, poultry, and mutton. Production includes meat from animals slaughtered within the country.

11/ Landed weight.

12/ Includes the sesame oil equivalent of sesame seed consumed as seed.

13/ Trade and consumption include the whole milk equivalent of canned and dried milk if any.

Partly based on official sources, partly estimated.

TABLE 4.--Ceylon: Food balance, calendar year 1958 1/

Product	Supply					Utilization								
	Pro- duction	Imports	Exports	Chan- ges in stocks 2/	Total supply	Nonfood use				Supply for food				
						Seed and waste	Feed	Indus- trial	Total 3/	Total gross	Ex- trac- tion rate	Net		
												Total	Per capita	
	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	Per- cent	1,000 m. tons	Kilo- grams	Calo- ries
Rice.....	4/ 519	482	1	83	917	...	...	...	45	872	...	872	92.8	915
Wheat.....	...	300	...	...	300	...	...	...	...	300	72	216	23.0	230
Corn.....	8	...	...	...	8	...	...	...	1	7	...	7	.7	5
Other grain.....	25	5	...	...	30	...	...	...	2	28	90	25	2.7	25
Total grain....	552	787	1	83	1,255	...	...	...	48	1,207	...	1,120	119.2	1,175
Sugar:														
Centrifugal 5/.	...	187	1	87	99	...	...	...	2	97	...	97	10.3	110
Other 6/.....	...	7	...	...	7	...	...	...	...	7	...	7	.7	5
Potatoes 7/.....	41	44	...	...	85	...	...	...	6	79	...	79	8.4	20
Cassava 8/.....	210	1	...	...	211	...	...	...	...	211	...	211	22.4	65
Pulses 9/.....	9	61	...	...	70	...	...	...	5	65	...	65	6.9	65
Other vegetables.	350	56	...	...	406	...	...	...	35	371	...	371	39.5	25
Coconuts 10/.....	752	...	134	...	618	...	...	11/ 319	319	299	...	299	31.8	305
Other fruit 12/..	350	82	...	...	432	...	...	...	43	389	...	389	41.4	55
Meat 13/.....	46	...	...	...	46	...	...	...	...	46	...	46	4.9	20
Fish 14/.....	41	138	...	...	179	...	...	...	9	170	...	170	18.1	30
Slaughter fats...	1	3	...	...	4	...	...	...	...	4	...	4	.4	10
Coconut oil.....	116	...	62	...	54	...	...	...	5	49	...	49	5.2	125
Sesame oil 15/...	3	...	...	...	3	...	...	...	...	3	...	3	.3	10
Total fats:														
As product...	120	3	62	...	61	...	...	...	5	56	...	56	5.9	145
Fat content..	120	3	62	...	61	...	...	...	5	56	...	56	5.8	...
Whole milk 16/...	105	56	...	...	161	...	...	...	...	161	...	161	17.1	35
Eggs.....	8	1	...	...	9	...	...	...	...	9	...	9	1.0	5
Total consumption....	...	...	...	...	...	...	...	...	...	...	...	...	...	2,060

1/ Excludes alcoholic beverages.

2/ Includes estimates for changes in on-the-farm stocks.

3/ Breakdown of nonfood uses not available.

4/ Production shown includes the 2 crops harvested in the calendar year 1958.

5/ Raw.

6/ Noncentrifugal.

7/ White and sweet.

8/ In terms of fresh.

9/ Edible only.

10/ Shelled basis.

11/ Coconuts used in making copra and coconut oil for domestic use or for export.

12/ In terms of fresh. Includes tree nuts other than coconuts.

13/ Carcass weight. Includes beef, mutton, pork, and poultry. Production includes meat from animals slaughtered within the country whether homebred or imported.

14/ Landed weight.

15/ Includes the sesame oil equivalent of sesame seed consumed as seed.

16/ Cow and buffalo milk. Trade and consumption include the whole milk equivalent of canned and dried milk, if any.

Partly based on official sources, partly estimated.

TABLE 5.-- India: Food balance, calendar year 1958 1/

Population: 409,000,000

Product	Supply					Utilization								
	Pro- duction	Imports	Exports	Chan- ges in stocks	Total supply	Nonfood use				Supply for food				
						Seed and waste	Feed	Indus- trial	Total	Total gross	Ex- trac- tion rate	Net		
												Total	Per capita	
	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	Per- cent	1,000 m.tons	Kilo- grams	Calo- ries
Rice.....	3/ 30,197	396	...	-100	30,693	2,265	2	...	2,267	28,426	...	28,426	69.5	685
Wheat.....	7,865	2,709	...	-500	11,074	1,329	...	...	1,329	9,745	94	9,160	22.4	215
Barley.....	2,274	...	...	-150	2,424	292	27	...	319	2,105	90	1,894	4.6	40
Corn.....	3,435	53	...	-31	3,519	284	34	...	318	3,201	...	3,201	7.8	75
Jowar.....	8,445	85	...	-160	8,690	675	220	...	895	7,795	95	7,405	18.1	170
Millet.....	7,838	...	...	-159	7,997	535	224	...	759	7,238	90	6,514	15.9	150
Total grain....	60,054	3,243	...	-1,100	64,397	5,380	507	...	5,887	58,510	...	56,600	138.3	1,335
Sugar:														
Centrifugal 4/.	2,425	...	51	-101	2,475	...	...	...	...	2,475	...	2,475	6.1	65
Other 5/.....	3,039	...	40	...	2,999	201	119	...	320	2,679	...	2,679	6.6	65
Potatoes 6/.....	3,197	...	...	...	3,197	927	...	...	927	2,270	...	2,270	5.5	15
Cassava 7/.....	1,830	...	...	...	1,830	...	...	...	...	1,830	...	1,830	4.5	45
Peanuts 8/.....	3,425	...	21	...	3,404	445	...	2/2,696	3,141	263	...	263	.6	10
Other pulses 10/.	9,815	...	...	-1,216	11,031	966	845	...	1,811	9,220	...	9,220	22.5	215
Other vegetables.	19,368	...	77	...	19,291	1,725	...	...	1,725	17,566	...	17,566	42.9	25
Coconuts 8/.....	2,500	...	...	...	2,500	52	...	11/1,150	1,202	1,298	...	1,298	3.2	30
Other fruit 12/..	10,100	658	5	...	10,753	2,524	...	...	2,524	8,229	...	8,229	20.2	25
Meat 13/.....	560	...	...	...	560	...	...	...	...	560	...	560	1.4	5
Fish 14/.....	2,564	33	88	...	2,509	...	...	...	...	2,509	...	2,509	6.1	10
Butter and ghee..	475	...	...	...	475	...	...	...	...	475	...	475	1.2	25
Peanut oil.....	1,079	...	20	...	1,059	...	...	...	...	1,059	...	1,059	2.6	65
Sesame oil 15/...	200	...	1	...	199	5	...	63	68	131	...	131	.3	10
Rape and Mustard oil 16/.....	310	...	...	...	310	8	...	3	11	299	...	299	.7	20
Other vegetable oils 17/.....	321	78	45	3	351	5	...	182	187	164	...	164	.4	10
Total fats:														
As product...	2,385	78	66	3	2,394	18	...	248	266	2,128	...	2,128	5.2	130
Fat contents.	2,300	78	66	3	2,309	18	...	248	266	2,043	...	2,043	5.0	...
Whole milk.....	22,216	...	...	...	22,216	444	...	18/8,368	8,812	13,404	...	13,404	32.8	75
Eggs.....	107	...	...	...	107	27	...	...	27	80	...	80	.2	(19/)
Total consumption..	...	...	...	...	...	...	...	...	...	...	...	...	...	2,050

1/ Excludes alcoholic beverages

2/ Includes estimates for changes in on-the-farm stocks.

3/ Production shown is harvested in the fall of 1958. Utilization is for crop harvested beginning in the fall of 1957. Adjustment made in "Changes in stocks".

4/ Raw.

5/ Noncentrifugal.

6/ White and sweet.

7/ Dry weight.

8/ Shelled basis.

9/ For the production of oil.

10/ Edible only.

11/ Coconuts used in making copra and coconut oil for domestic use or for export.

12/ In terms of fresh. Includes tree nuts other than coconut.

13/ Carcass weight.

14/ Landed weight.

15/ Includes the sesame oil equivalent of sesame seed consumed as seed.

16/ Includes the rape and mustard oil equivalent of rape and mustard seed consumed as seed.

17/ Includes the vegetable oil equivalent of vegetable oilseeds consumed as seed.

18/ Milk for the manufacture of butter and ghee. Little or no cheese produced.

19/ Less than 3 calories.

Partly based on official source, partly estimated.

TABLE 6.--Indonesia: Food balance, calendar year, 1958 1/

Population: 87,300,000

Product	Supply					Utilization								
	Pro- duction	Imports	Exports	Chan- ges in stocks	Total supply	Nonfood use				Supply for food				
						Seed and waste	Feed	Indus- trial	Total	Total gross	Ex- trac- tion rate	Net		
												Total	Per year	Per day
	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	Per- cent	1,000 m.tons	Kilo- grams	Calo- ries
Rice.....	7,554	681	...	...	8,235	340	...	...	340	7,895	...	7,895	90.4	890
Wheat 2/.....	...	137	...	...	137	...	...	...	...	137	72	99	1.1	10
Corn.....	2,618	...	...	...	2,618	54	...	...	54	2,564	...	2,564	29.4	285
Total grain.....	10,172	818	...	...	10,990	394	...	...	394	10,596	...	10,558	120.9	1,185
Sugar:														
Centrifugal 3/..	775	2	87	-21	711	...	...	...	...	711	...	711	8.1	85
Other 4/.....	289	...	...	...	289	...	...	...	...	289	...	289	3.3	30
Potatoes 5/.....	2,893	...	...	...	2,893	...	...	...	...	2,893	...	2,893	33.1	90
Cassava.....	10,972	...	21	...	10,951	550	...	660	1,210	9,741	18	1,753	20.1	185
Soybeans.....	422	...	1	...	421	29	...	...	29	392	...	392	4.5	40
Peanuts 7/.....	229	...	3	...	226	27	...	...	27	199	...	199	2.3	35
Other pulses 8/...	460	...	...	...	460	...	...	...	...	460	...	460	5.3	50
Other vegetables..	11,540	1	18	...	11,523	1,154	...	...	1,154	10,369	...	10,369	118.8	70
Coconuts 7/.....	2,446	...	...	...	2,446	...	...	9/1,810	1,810	636	...	636	7.3	70
Other fruits 10/..	9,000	7	1	...	9,006	...	...	...	...	9,006	...	9,006	103.2	115
Meat 11/.....	205	...	4	...	201	...	...	...	...	201	...	201	2.3	15
Fish 12/.....	705	53	1	...	757	...	...	...	...	757	...	757	8.7	15
Coconut oil.....	474	...	...	...	474	...	...	...	...	474	...	474	5.4	130
Other vegetable oils.....	164	...	148	-2	18	...	...	18	18	...	...	...	...	...
Total fats:														
As product....	638	...	148	-2	492	...	...	18	18	474	...	474	5.4	130
Fat content....	638	...	148	-2	492	...	...	18	18	474	...	474	5.4	...
Whole milk 13/....	29	15	...	...	44	...	...	...	...	44	...	44	.5	(14/)
Eggs.....	200	...	...	...	200	...	...	...	...	200	...	200	2.3	10
Total consumption...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,125

1/ Excludes alcoholic beverages.

2/ Wheat equivalent of wheat flour.

3/ Raw.

4/ Noncentrifugal.

5/ White and sweet.

6/ Dry weight.

7/ Shelled basis.

8/ Edible only.

9/ Coconuts used in making copra and coconut oil for domestic use or for export.

10/ In terms of fresh. Includes tree nuts other than coconuts.

11/ Carcass weight. Production includes meat from animals slaughtered within the country, whether homebred or imported.

Trade excludes meat from exported as well as imported animals.

12/ Landed weight.

13/ Trade and consumption includes the whole milk equivalent of canned and dried milk, if any.

14/ Less than 3 calories.

Partly based on official sources, partly estimated.

TABLE 7.--Japan: Food balance, calendar year 1958 ^{1/}

Product	Supply					Utilization								
	Pro- duction	Imports	Exports	Chan- ges in stocks	Total supply	Nonfood use				Supply for food				
						Seed and waste	Feed	Indus- trial	Total	Total gross	Ex- trac- tion rate	Net		
												Total	Per capita	
	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	Per- cent	1,000 m. tons	Kilo- grams	Calo- ries
Rice.....	2/10,914	508	...	463	10,959	324	15	6	345	10,614	...	10,614	115.6	1,140
Wheat.....	1,281	2,356	19	-49	3,667	134	300	150	584	3,083	76	2,342	25.5	255
Barley.....	2,066	716	...	-7	2,789	117	520	...	637	2,152	(3/)	1,334	14.5	140
Other grain.....	456	669	2	...	1,123	19	1,014	...	1,033	90	69	62	.7	5
Total grain....	14,717	4,249	21	407	18,538	594	1,849	156	2,599	15,939	...	14,352	156.3	1,540
Sugar:														
Centrifugal 4/.	130	1,171	10	...	1,291	...	...	...	...	1,291	...	1,291	14.1	150
Other 5/.....	22	52	...	...	74	...	29	...	29	45	...	45	.5	5
Potatoes 6/.....	9,765	...	34	...	9,731	982	1,340	195	2,517	7,214	...	7,214	78.6	190
Soybeans.....	391	905	...	-8	1,304	39	38	7/ 741	818	486	...	486	5.3	50
Other pulses 8/..	408	99	1	41	465	34	49	...	83	382	...	382	4.2	40
Soybean cake.....	566	15	20	12	549	9	193	14	216	333	...	333	3.6	25
Other vegetables.	8,583	7	20	...	8,570	1,460	...	...	1,460	7,110	...	7,110	77.5	55
Fruits 9/.....	2,537	88	84	...	2,541	971	...	...	971	1,570	...	1,570	17.1	25
Meat 10/.....	459	5	...	...	464	80	...	...	80	384	...	384	4.1	25
Fish 11/.....	5,505	25	819	...	4,711	450	...	592	1,042	3,669	...	3,669	40.0	70
Butter.....	13	...	...	...	13	...	...	...	...	13	...	13	.1	5
Slaughter fats...	43	122	...	...	165	...	...	99	99	66	94	62	.7	15
Soybean oil.....	129	...	19	...	110	1	...	10	11	99	94	93	1.0	25
Other vegetable oils.....	108	123	...	3	228	2	...	74	76	152	94	143	1.6	40
Marine oils.....	138	1	92	1	46	...	...	14	14	32	94	30	.3	10
Total fats:														
As product...	431	246	111	4	562	3	...	197	200	362	...	341	3.7	95
Fat content..	423	228	111	4	536	3	...	182	185	351	...	330	3.6	...
Whole milk 12/...	1,548	144	1	...	1,691	84	25	13/ 260	369	1,322	...	1,322	14.4	25
Eggs.....	435	...	1	...	434	68	...	...	68	366	...	366	4.0	15
Total consumption....	...	...	...	...	...	...	...	...	...	...	...	...	...	2,310

^{1/} Excludes alcoholic beverages.^{2/} Production shown is harvested in the fall of 1958. Utilization is for crop harvested beginning in the fall of 1957.

Adjustment made in "Changes in stocks".

^{3/} Extraction rate for common barley 59 percent, for naked barley 68 percent.^{4/} Raw.^{5/} Noncentrifugal.^{6/} White and sweet.^{7/} Soybeans used in the manufacture of soybean oil.^{8/} Edible only.^{9/} In terms of fresh. Includes tree nuts.^{10/} Carcass weight. Includes beef, pork, poultry, and whale meat. Production includes meat from animals slaughtered within the country and excludes meat from exported as well as imported animals.^{11/} Landed weight.^{12/} Fluid milk equivalent. Trade and consumption include the whole milk equivalent of canned and dried milk.^{13/} Milk for the manufacture of butter. Little cheese produced.

Partly based on official sources, partly estimated.

TABLE 8.--Federation of Malaya: Food balance, calendar year 1958 1/

Product	Supply					Utilization								
	Pro- duction	Imports	Exports	Chan- ges in stocks	Total supply	Nonfood use				Supply for food				
						Seed and waste	Feed	Indus- trial	Total	Total gross	Ex- trac- tion rate	Net		
												Total	Per capita	
	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	Per- cent	1,000 m. tons	Kilo- grams	Calo- ries
Rice 2/.....	450	357	5	-44	846	24	...	...	24	822	...	822	126.5	1,245
Wheat 3/.....	...	174	2	3	169	...	...	...	...	169	72	122	18.8	190
Corn.....	7	19	...	2	24	...	22	...	22	2	90	2	.3	5
Other grains.....	...	24	1	...	23	...	16	...	16	7	...	7	1.1	10
Total grain....	457	574	8	-39	1,062	24	38	...	62	1,000	...	953	146.7	1,450
Sugar:														
Centrifugal 5/..	...	187	1	18	168	...	...	4/ 75	75	93	...	93	14.3	150
Other 6/.....	...	9	...	-1	10	...	...	...	...	10	...	10	1.5	15
Potatoes 7/.....	80	18	...	...	98	...	...	...	...	98	...	98	15.1	40
Cassava 8/.....	9	...	7	...	2	...	...	...	...	2	...	2	.3	5
Peanuts 9/.....	...	10	...	...	10	...	...	...	...	10	...	10	1.5	25
Other pulses 10/..	14	27	1	1	39	...	...	...	...	39	...	39	6.0	55
Other vegetables..	295	53	14	1	333	34	...	...	34	299	...	299	46.0	35
Coconuts 11/.....	187	74	26	-17	252	...	...	12/ 223	223	29	...	29	4.5	45
Bananas.....	324	...	16	...	308	31	...	...	31	277	...	277	42.6	85
Other fruit 13/...	290	58	155	-3	196	25	...	...	25	171	...	171	26.3	35
Meat 14/.....	55	4	...	...	59	...	...	...	...	59	...	59	9.0	50
Fish 15/.....	140	75	89	...	126	...	...	...	...	126	...	126	19.4	35
Butter.....	...	1	...	...	1	...	...	...	...	1	...	1	.2	5
Coconut oil.....	80	2	51	-2	33	...	...	...	...	33	...	33	5.1	125
Other vegetable oils 16/.....	76	14	86	-10	14	...	...	2	2	12	...	12	1.8	45
Total fats:														
As product....	156	17	137	-12	48	...	...	2	2	46	...	46	7.1	175
Fat content...	156	17	137	-12	48	...	...	2	2	46	...	46	7.1	...
Whole milk 17/....	16	104	...	...	120	...	...	...	...	120	...	120	18.5	70
Eggs.....	26	7	1	...	32	...	...	...	...	32	...	32	4.9	20
Total consumption.....	...	...	...	...	...	...	...	...	...	...	...	...	...	2,290

1/ Excludes alcoholic beverages.

2/ Production shown is harvested in the fall of 1958. Utilization is for crop harvested in the fall of 1957. Adjustment made in "Changes in stocks."

3/ Wheat equivalent of wheat flour.

4/ Estimated use in pineapple canning for export.

5/ Raw.

6/ Noncentrifugal.

7/ White and sweet.

8/ Dry weight.

9/ Shelled basis.

10/ Edible only.

11/ Shelled basis. Trade includes coconut equivalent of copra.

12/ Coconuts used in making copra and coconut oil for domestic use or for export.

13/ In terms of fresh. Includes tree nuts other than coconuts.

14/ Carcass weight. Includes pork, poultry, and other meat. Production includes meat from animals slaughtered within the country, whether homebred or imported. Trade excludes meat from exported as well as imported animals.

15/ Landed weight.

16/ Includes the oil equivalent of oil seeds consumed as seed.

17/ Trade and consumption include the whole milk equivalent of canned and dried milk, if any.

Partly based on official source, partly estimated.

TABLE 9.--Pakistan: Food balance, calendar year, 1958 1/

Product	Supply					Utilization								
	Pro- duction	Imports	Exports	Chan- ges in stocks	Total supply	Nonfood use				Supply for food				
						Seed and waste	Feed	Indus- trial	Total 3/	Total gross	Ex- trac- tion rate	Net		
												Total	Per capita	
	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	Per- cent	1,000 m.tons	Kilo- grams	Calo- ries
Rice.....4/	8,017	343	...	-624	8,984	...	...	...	679	8,305	...	8,305	96.7	955
Wheat.....	3,718	768	...	46	4,440	...	...	...	357	4,083	85	3,471	40.4	405
Barley.....	176	...	...	1	175	...	...	...	18	157	65	102	1.2	10
Corn.....	473	...	...	-31	504	...	...	...	51	453	...	453	5.3	50
Millet.....	308	...	...	-41	349	...	...	...	34	315	90	284	3.3	30
Sorghum.....	218	...	...	-12	230	...	...	...	20	210	90	189	2.2	20
Other grain.....	100	...	...	-4	104	...	...	...	11	93	90	84	1.0	10
Total grain.....	13,010	1,111	...	-665	14,786	...	...	...	1,170	13,616	...	12,888	150.1	1,480
Sugar:														
Centrifugal 5/..	172	...	...	...	172	...	...	...	...	172	...	172	2.0	20
Other 6/.....	1,422	...	...	...	1,422	...	...	...	...	1,422	...	1,422	16.6	160
Roots and tubers..	508	...	...	-21	529	...	...	...	50	479	...	479	5.6	15
Peanuts 7/.....	8	...	...	...	8	...	...	...	1	7	...	7	.1	(8/)
Other pulses.....	1,157	...	...	-63	1,220	...	...	...	129	1,091	...	1,091	12.7	120
Other vegetables..	5,080	...	...	...	5,080	...	...	...	203	4,877	...	4,877	56.8	35
Fruits 9/.....	7,112	...	...	250	6,862	...	...	...	352	6,510	...	6,510	75.8	85
Meat 10/.....	573	...	...	...	573	...	...	...	...	573	...	573	6.7	25
Fish 11/.....	784	...	64	...	720	...	...	...	...	720	...	720	8.4	15
Butter and Ghee...	10	2	...	-2	14	...	...	...	...	14	...	14	.2	5
Slaughter fats....	25	2	...	...	27	...	...	...	5	22	...	22	.3	5
Rape and Mustard oil.....	63	...	...	-2	65	...	...	...	5	60	...	60	.7	20
Sesame oil 12/....	12	...	...	...	12	...	...	...	2	10	...	10	.1	5
Cottonseed oil....	47	...	...	-2	49	...	...	...	10	39	...	39	.5	10
Other vegetable oils.....	9	...	1	1	7	...	...	...	7	...	...	...	...	...
Total fats:														
As product....	166	4	1	-5	174	...	...	...	29	145	...	145	1.8	45
Fat content....	164	4	1	-5	172	...	...	...	29	143	...	143	1.8	...
Whole milk.....	1,016	...	...	...	1,016	...	...	...	...	1,016	...	1,016	11.8	30
Eggs.....	30	...	...	...	30	...	...	...	...	30	...	30	.3	(8/)
Total consumption...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,030

1/ Excludes alcoholic beverages.

2/ Includes estimates for changes in on-the-farm stocks.

3/ Breakdown of nonfood uses not available.

4/ Production shown is harvested in the fall of 1958. Utilization is for crop harvested beginning in the fall of 1957.

Adjustment made in "Change in stocks".

5/ Raw.

6/ Noncentrifugal.

7/ Shelled basis.

8/ Less than 3 calories.

9/ In terms of fresh. Includes tree nuts.

10/ Carcass weight. Includes beef, carabao, mutton, goat, and poultry. Production includes meat from animals slaughtered within the country.

11/ Landed weight.

12/ Includes the sesame oil equivalent of sesame seed consumed as seed.

Partly based on official sources, partly estimated.

TABLE 10.--Philippines: Food balance, calendar year 1958 1/

Population: 24,000,000

Product	Supply					Utilization								
	Pro- duction	Imports	Exports	Chan- ges in stocks	Total supply	Nonfood use				Supply for food				
						Seed and waste	Feed	Indus- trial	Total 2/	Total gross	Ex- trac- tion rate	Net		
												Total	Per capita	
	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	Per- cent	1,000 m. tons	Kilo- grams	Calo- ries
Rice.....	3/ 2,283	231	...	168	2,346	...	...	...	159	2,187	...	2,187	91.1	900
Wheat 4/.....	...	418	...	27	391	...	...	...	1	390	72	281	11.7	115
Corn.....	937	21	...	50	908	...	...	...	249	659	...	659	27.5	270
Other grain.....	...	21	1	...	20	...	...	...	...	20	...	20	.8	10
Total grain....	3,220	691	1	245	3,665	...	...	...	409	3,256	...	3,147	131.1	1,295
Sugar:														
Centrifugal 5/.	1,205	...	952	-58	311	...	...	...	...	311	...	311	13.0	135
Other 6/.....	68	...	61	...	7	...	...	...	...	7	...	7	.3	5
Potatoes 7/.....	862	...	...	...	862	...	...	...	69	793	...	793	33.0	90
Cassava 8/.....	307	...	...	...	307	...	...	...	34	273	...	273	11.4	35
Peanuts 9/.....	12	...	...	...	12	...	...	...	1	11	...	11	.5	5
Other pulses 10/.	185	3	...	...	188	...	...	...	10	178	...	178	7.4	70
Other vegetables.	3,500	4	...	...	3,504	...	...	...	340	3,164	...	3,164	131.8	130
Coconuts 11/.....	1,935	...	20	...	1,915	...	...	12/ 1,728	1,728	187	...	187	7.8	75
Other fruit 13/..	1,300	6	30	...	1,276	...	...	...	130	1,146	...	1,146	47.8	65
Meat 14/.....	227	20	...	...	247	...	...	...	...	247	...	247	10.3	65
Fish 15/.....	447	124	...	...	571	...	...	...	...	571	...	571	23.8	40
Butter.....	...	1	...	...	1	...	...	...	...	1	...	1	(16/)	(17/)
Coconut oil 18/..	708	...	582	...	126	...	...	...	26	100	...	100	4.2	100
Total fats:														
As product...	708	1	582	...	127	...	...	...	26	101	...	101	4.2	100
Fat content..	708	1	582	...	127	...	...	...	26	101	...	101	4.2	...
Whole milk 19/...	24	286	...	...	310	...	...	...	...	310	...	310	12.9	25
Eggs.....	72	...	...	...	72	...	...	...	...	72	...	72	3.0	10
Total consumption....	...	...	...	...	...	...	...	...	...	...	...	...	...	2,145

1/ Excludes alcoholic beverages.

2/ Breakdown of nonfood uses not available.

3/ Production shown is harvested beginning in the fall of 1958. Utilization is for crop harvested beginning in the fall of 1957. Adjustment made in "Changes in stocks".

4/ Wheat equivalent of wheat flour.

5/ Raw.

6/ Noncentrifugal.

7/ White and sweet.

8/ In terms of fresh.

9/ Shelled basis.

10/ Edible only.

11/ Shelled basis. Includes trade in fresh equivalent of desiccated coconut.

12/ Coconuts used in making copra and coconut oil for domestic use or for export.

13/ In terms of fresh. Includes tree nuts other than coconuts.

14/ Carcass weight. Includes beef, pork, poultry, and other meat. Production includes meat from animals slaughtered within the country. Trade excludes meat from exported as well as imported animals.

15/ Landed weight.

16/ Negligible.

17/ Less than 3 calories.

18/ Includes the coconut oil equivalent of copra.

19/ Trade and consumption include the whole milk equivalent of canned and dried milk, if any.

Partly based on official sources, partly estimated.

TABLE 11.--Singapore: Food balance, calendar year, 1958 ^{1/}

Product	Supply					Utilization								
	Pro- duction	Imports	Exports	Chan- ges in stocks	Total supply	Nonfood use				Supply for food				
						Seed and waste	Feed	Indus- trial	Total	Total gross	Ex- trac- tion rate	Net		
												Total	Per capita	
	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	Per- cent	1,000 m.tons	Kilo- grams	Calo- ries
Rice.....	...	365	248	-13	130	...	...	...	...	130	...	130	85.8	845
Wheat ^{2/}.....	...	110	53	3	54	...	...	4	4	50	72	36	23.8	235
Other grain.....	...	105	32	1	72	...	52	...	52	20	90	18	11.9	110
Total grain.....	...	580	333	-9	256	...	52	4	56	200	...	184	121.5	1,190
Sugar:														
Centrifugal ^{3/}..	...	125	56	12	57	...	...	38	38	19	...	19	12.5	135
Potatoes ^{4/}	8	23	9	...	22	...	...	...	...	22	...	22	14.5	30
Pulses ^{5/}.....	...	30	15	...	15	...	...	...	...	15	...	15	9.9	95
Other vegetables..	33	75	29	...	79	2	...	...	2	77	...	77	50.8	40
Coconuts ^{6/}	6	220	144	-10	92	...	...	^{7/} 86	86	6	...	6	4.0	40
Other fruits ^{8/} ...	10	281	140	-7	158	7	...	...	7	151	...	151	99.7	170
Meat ^{9/}	26	11	3	...	34	...	...	...	...	34	...	34	22.4	135
Fish ^{10/}	12	88	33	...	67	29	...	...	29	38	...	38	25.1	45
Butter.....	...	2	1	...	1	...	...	...	...	1	...	1	.7	15
Coconut oil.....	31	11	30	-1	13	...	...	...	...	13	...	13	8.6	210
Other vegetable oils ^{11/}	3	66	63	-3	9	...	...	3	3	6	...	6	4.0	85
Total fats:														
As product....	34	79	94	-4	23	...	...	3	3	20	...	20	13.3	310
Fat content...	34	79	94	-4	23	...	...	3	3	20	...	20	13.3	...
Whole milk ^{12/}	3	78	34	1	46	...	...	...	...	46	...	46	30.4	120
Eggs.....	22	8	4	...	26	...	...	...	...	26	...	26	17.2	65
Total consumption...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,375

^{1/} Excludes alcoholic beverages.^{2/} Wheat equivalent of wheat flour.^{3/} Raw.^{4/} White and sweet.^{5/} Edible only.^{6/} Shelled basis. Includes the coconut equivalent of copra trade and stocks.^{7/} Includes coconut equivalent of copra used in making coconut oil.^{8/} In terms of fresh. Includes tree nuts other than coconuts.^{9/} Carcass weight. Includes pork, poultry, and other meat. Production includes meat from animals slaughtered within the country, whether homebred or imported. Trade excludes meat from exported as well as imported animals.^{10/} Landed weight.^{11/} Edible only.^{12/} Trade and consumption includes the whole milk equivalent of canned and dried milk, if any.

Partly based on official sources, partly estimated.

TABLE 12.--South Korea: Food balance, calendar year 1958 ^{1/}

Product	Supply					Utilization								
	Pro- duction	Imports	Exports	Chan- ges in stocks	Total supply	Nonfood use				Supply for food				
						Seed and waste	Feed	Indus- trial	Total ^{2/}	Total gross	Ex- trac- tion rate	Net		
												Total	Per capita	
	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	Per- cent	1,000 m.tons	Kilo- grams	Calo- ries
Rice ^{3/}	2,390	5	...	124	2,271	...	...	...	72	2,199	...	2,199	97.7	965
Wheat ^{4/}	120	386	...	...	506	...	...	...	4	502	85	427	19.0	190
Barley.....	914	343	...	...	1,257	...	...	...	28	1,229	(5/)	954	42.4	400
Other grain.....	172	51	...	...	223	...	...	...	6	217	75	163	7.2	70
Total grain....	3,596	785	...	124	4,257	...	...	...	110	4,147	...	3,743	166.3	1,625
Sugar:														
Centrifugal ^{6/}..	...	66	...	...	66	...	...	...	...	66	...	66	2.9	30
Other ^{7/}.....	...	87	...	...	87	...	...	...	3	84	...	84	3.7	25
Potatoes ^{8/}	1,500	...	...	...	1,500	...	...	...	300	1,200	...	1,200	53.3	115
Soybeans.....	153	...	...	...	153	...	...	...	...	153	...	153	6.8	60
Other pulses ^{9/} ...	25	...	...	...	25	...	...	...	...	25	...	25	1.1	10
Other vegetables..	1,200	...	...	...	1,200	...	...	...	100	1,100	...	1,100	48.9	30
Fruits ^{10/}	400	2	1	...	401	...	...	...	40	361	...	361	16.0	20
Meat ^{11/}	136	...	...	...	136	...	...	...	...	136	...	136	6.0	35
Fish ^{12/}	795	...	55	...	740	...	...	...	...	740	...	740	32.9	55
Lard.....	7	2	...	...	9	...	...	...	...	9	...	9	.4	10
Vegetable oils....	7	1	...	...	8	...	...	...	...	8	...	8	.4	10
Total fats:														
As product....	14	3	...	...	17	...	...	...	...	17	...	17	.8	20
Fat content....	13	3	...	...	16	...	...	...	...	16	...	16	.7	...
Whole milk ^{13/}	25	36	...	...	61	...	...	...	...	61	...	61	2.7	5
Eggs.....	45	...	...	...	45	...	...	...	...	45	...	45	2.0	10
Total consumption...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,040

^{1/} Excludes alcoholic beverages.^{2/} Breakdown of nonfood uses not available.^{3/} Production shown is harvested in the fall of 1958. Utilization is for crop harvest beginning in the fall of 1957. Adjustment made in "Changes in stocks".^{4/} Includes the wheat equivalent of trade in wheat flour.^{5/} Extraction rate for common barley 74 percent, for naked barley 85 percent.^{6/} Raw.^{7/} Noncentrifugal.^{8/} White and sweet.^{9/} Edible only.^{10/} In terms of fresh. Includes tree nuts.^{11/} Carcass weight.^{12/} Landed weight. Includes an allowance for noncommercial fish catch.^{13/} Trade and consumption include the whole milk equivalent of canned and dried milk if any.

Partly based on official sources, partly estimated.

TABLE 13.--Taiwan: Food balance, calendar year 1958 1/

Product	Supply					Utilization								
	Pro- duction	Imports	Exports	Chan- ges in stocks	Total supply	Nonfood use				Supply for food				
						Seed and waste	Feed	Indus- trial	Total	Total gross	Ex- trac- tion rate	Net		
												Total	Per capita	
	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	1,000 m. tons	Per- cent	1,000 m. tons	Kilo- grams	Calo- ries
Rice.....	2/ 1,762	...	179	49	1,534	72	70	13	155	1,379	...	1,379	132.6	1,310
Wheat.....	40	224	...	...	264	2	...	...	2	262	75	196	18.8	190
Corn.....	13	...	...	...	13	1	5	2	8	5	...	5	.5	5
Millet and sorghum.....	10	...	3	...	7	...	3	...	3	4	90	4	.4	5
Total grain....	1,825	224	182	49	1,818	75	78	15	168	1,650	...	1,584	152.3	1,510
Sugar:														
Centrifugal 3/.	930	...	789	...	141	...	...	4/ 9	9	132	...	132	12.7	135
Other 5/.....	28	...	28	...	...	...	...	...	...	...	...	...	...	...
Potatoes 6/.....	2,958	...	...	...	2,958	429	1,500	290	2,219	739	...	739	71.1	190
Cassava.....	158	...	...	...	158	9	59	35	103	55	18	7/ 10	1.0	10
Soybeans.....	42	94	...	...	136	4	...	8/ 43	47	89	...	89	8.6	80
Peanuts 9/.....	64	...	...	...	64	4	...	8/ 26	30	34	...	34	3.3	50
Other pulses 10/.	24	1	...	...	25	4	...	8	12	13	...	13	1.2	10
Other vegetables.	741	1	7	...	735	74	...	...	74	661	...	661	63.6	45
Fruits 11/.....	330	5	71	...	264	33	...	...	33	231	...	231	22.2	25
Meat 12/.....	198	...	...	...	198	...	...	...	...	198	...	198	19.0	145
Fish 13/.....	230	11	1	...	240	11	...	...	11	229	...	229	22.0	35
Lard.....	21	...	...	...	21	...	...	...	...	21	...	21	2.0	45
Soybean oil.....	7	...	...	...	7	...	...	...	...	7	...	7	.7	15
Peanut oil.....	12	...	...	...	12	...	...	...	...	12	...	12	1.1	30
Other vegetable oils.....	3	1	1	...	3	...	...	...	...	3	...	3	.3	5
Total fats:														
As product...	43	1	1	...	43	...	...	...	...	43	...	43	4.1	95
Fat content..	40	1	1	...	40	...	...	...	...	40	...	40	3.8	...
Whole milk 14/...	3	11	...	...	14	...	...	...	...	14	...	14	1.3	5
Eggs.....	17	...	...	...	17	...	...	...	...	17	...	17	1.6	5
Total consumption..	...	...	...	...	...	...	...	...	...	...	...	...	...	2,340

1/ Excludes alcoholic beverages.

2/ Production shown includes the two crops harvested in the calendar year 1958. Changes in stocks are as reported.

3/ Raw.

4/ Sugar processed into molasses and exported.

5/ Noncentrifugal.

6/ Sweet. White potato production negligible.

7/ Dry weight.

8/ For the production of oil.

9/ Shelled basis.

10/ Edible only.

11/ In terms of fresh. Includes tree nuts.

12/ Carcass weight. Includes beef, mutton, pork, and poultry. Production includes meat from animals slaughtered within the country and excludes meat from exported as well as imported animals.

13/ Landed weight.

14/ Trade and consumption include the whole milk equivalent of canned and dried milk, if any.

Partly based on official sources, partly estimated.

TABLE 14.--Thailand: Food balance, calendar year 1958 1/

Product	Supply					Utilization								
	Pro- duction	Imports	Exports	Chan- ges in stocks	Total supply	Nonfood use				Supply for food				
						Seed and waste	Feed	Indus- trial	Total	Total gross	Ex- trac- tion rate	Net		
												Total	Per capita	
	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	1,000 m.tons	Per- cent	1,000 m.tons	Kilo- grams	Calo- ries
Rice.....	2/4,582	...	1,133	96	3,353	224	24	10	258	3,095	...	3,095	144.0	1,420
Wheat 3/.....	...	36	...	...	36	...	...	...	...	36	72	26	1.2	10
Corn.....	149	...	163	-40	26	2	2	...	4	22	...	22	1.0	10
Total grain....	4,731	36	1,296	56	3,415	226	26	10	262	3,153	...	3,143	146.2	1,440
Sugar:														
Centrifugal 4/..	69	17	...	...	86	...	...	...	...	86	...	86	4.0	40
Other 5/.....	97	...	...	...	97	...	...	...	...	97	...	97	4.5	45
Potatoes 6/.....	83	...	...	...	83	...	...	...	...	83	...	83	3.9	10
Cassava 7/.....	130	...	125	-1	6	...	...	3	3	3	...	3	.1	(8/)
Peanuts 9/.....	72	...	16	...	56	...	...	32	32	24	...	24	1.1	15
Soybeans.....	22	...	2	...	20	...	...	1	1	19	...	19	.9	10
Other pulses.....	92	...	8	...	84	...	...	...	...	84	...	84	3.9	35
Other vegetables..	559	5	9	...	555	55	...	...	55	500	...	500	23.3	15
Coconuts 9/.....	710	1	3	...	708	...	...	10/ 354	354	354	...	354	16.5	160
Other fruit 11/...	771	...	...	...	771	...	77	...	77	694	...	694	32.3	50
Meat 12/.....	209	...	...	...	209	...	...	...	...	209	...	209	9.7	65
Fish 13/.....	600	7	16	...	591	...	...	...	...	591	...	591	27.5	135
Lard.....	38	...	...	...	38	...	...	...	...	38	...	38	1.8	40
Coconut oil.....	125	...	3	...	122	...	...	49	49	73	...	73	3.4	80
Sesame oil 14/.....	8	...	1	1	6	...	...	...	...	6	...	6	.3	5
Other vegetable oils.....	12	...	7	...	5	...	...	5	5	...	...	...	...	...
Total fats:														
As product....	183	...	11	1	171	...	...	54	54	117	...	117	5.5	125
Fat content....	177	...	11	1	165	...	...	54	54	111	...	111	5.2	...
Whole milk 15/....	2	103	15	...	90	...	...	...	...	90	...	90	4.2	20
Eggs.....	110	...	7	...	103	...	...	...	...	103	...	103	4.8	20
Total consumption...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,185

1/ Excludes alcoholic beverages.

2/ Production shown is harvested in the fall of 1958. Utilization is for crop harvested beginning in the fall of 1957.

Adjustment made in "Changes in stocks".

3/ Wheat equivalent of trade in wheat flour.

4/ Raw.

5/ Noncentrifugal. Includes an allowance for palm sugar.

6/ Sweet only. White potato production negligible.

7/ Dry weight.

8/ Less than 3 calories.

9/ Shelled basis.

10/ Coconuts used in making copra and coconut oil for domestic use or for export.

11/ In terms of fresh. Includes tree nuts other than coconuts.

12/ Carcass weight. Includes beef, pork, and poultry. Production includes meat from animals slaughtered within the country and excludes meat from exported as well as imported animals.

13/ Landed weight.

14/ Sesame oil equivalent of sesame consumed as seed.

15/ Trade and consumption include the whole milk equivalent of canned and dried milk, if any.

Partly based on official sources, partly estimated.